

# GLP Tech Note




GLP JDC2 IP  
GLP JDC2 IP Firmware Update Guide V0.7.1-rc.7  
08/09/2025

GLP's strategy is to ensure that its products remain active in the marketplace as reliably and as long as possible. In support of this strategy, we are committed to communicating technical changes or anomalies transparently with our customers. The following technical information is intended to provide general information on technical changes or anomalies. They are intended in particular for service technicians to be informed quickly and appropriately in the event of functional deviations or defects.

 **THIS VERSION WILL CHANGE DIGIFX AND OTHER INTERNAL EFFECTS AND TIMINGS WHICH CAN BE CRITICAL FOR PREPROGRAMMING OR RUNNIG SHOWS PROGRAMMED ON OLDER SW VERSIONS**

 **This guide is for JDC2 running version 0.6.1. or higher.**  
**Please check this on the top left corner of the unit's display.**  
**Do not proceed if the unit is running another software Version.**

 **For this update 3 steps have to be done in sequence**  
1) The Bootloader Update with iQ.Service > iQ.Tools > DMX/XLR RS485  
2) Recovery Update with iQ.Service > iQ.Tools > DMX/XLR RS485  
3) Main firmware update via susgui.exe PC / Ethernet

 **After the firmware update, the DMX Address, DMX Mode and Fixture Settings could be set to default values.**

## JDC2 Firmware Update Guide to V0.7.1-rc.7

### Precaution / Before the update:

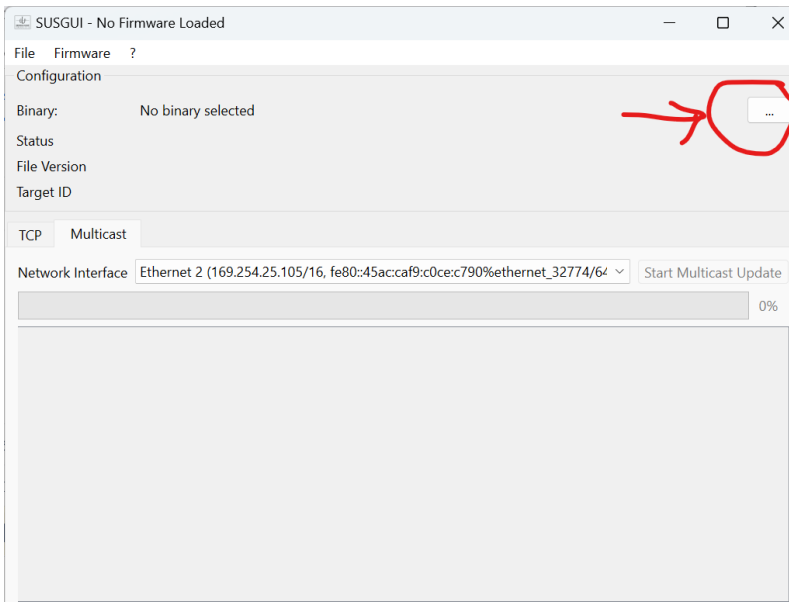
Download the Firmware Update package and update software here:  
[http://iqservice.glp.de/api/v1/Share/File?file=JDC2IP\\_0\\_7\\_1\\_RC7.zip](http://iqservice.glp.de/api/v1/Share/File?file=JDC2IP_0_7_1_RC7.zip)  
and unpack it.  
You need to have the following files available on your PC: → susgui-0.1.4.exe, → JDC-2\_0.7.1-rc.7\_sus.bin  
The fixtures have to be connected via ethernet to your laptop / PC for step 3 and following.  
iQ.Service App, iQ.Tool and fixtures have to be connected via XLR / RS485, DMX daisy chained.  
The software for step 1 and 2 is available in the iQ.Service App.

0.)	<b>Precaution</b> Connect your JDC2 devices to power, via DMX to iQ.Tool and via Ethernet to a Windows PC. Ensure all the JDC2 are connected together with ethernet cable. To be sure you may ping the last fixture in the chain.
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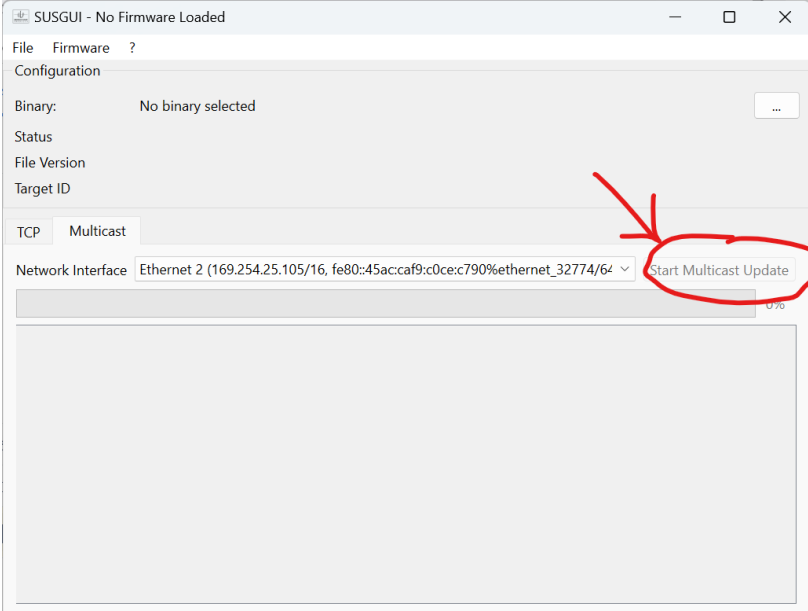

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1.)	<p><b>Update the Bootloader to version 3.1.0</b>  <b>BootDMX-3.1.0-V0.7.1.7 with the iQ.Service App</b>  Open the iQ.Service App &gt; Swipe down for discovery &gt; Select your iQ.Tool  &gt; Fixture discovery and choose from the upper right toolbox <b>Fixture Update</b>  &gt; JDC2 IP &gt; Legacy Software &gt; BootDMX-3.1.0-V0.7.1.7</p> <p><b>The Display will go off, and stay off, even after the BL update the display will stay off.</b>  <b>Wait 3 minutes after the iQ.Service app says success.</b>  <b>Display will still be off !! And stay of. It will go on again during step 2</b></p>
2.)	<p><b>Recovery Update to V0.7.1-rc.7:</b>  <b>V0.7.1.7-RecoveryDMX with the iQ.Service App</b>  After the Bootloader Update, the iQ.Service App won't show any fixtures in the discover screen.  Choose the upper right toolbox &gt; fixture update &gt; <b>manual update</b>  &gt; JDC2 IP &gt; V0.7.1.7-RecoveryDMX</p> <p>The transfe of the software will need about 3 minutes and during this time the display is off, sill. The App shows success. Please allow the fixture another 3 minutes for the internal updates.  After this is finished the displays are back on. The software is the old version, still. Only the Bootloader has been updated now.</p>
3.)	<p><b>Start "susgui-0.1.4.exe" on your computer</b></p>
4.)	<p>Select in "susgui-0.1.4." the binary file "JDC-2_0.7.1-rc.7_sus.bin"</p> 

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5.)	<p>In the SUSGUI software select the PC Network Interface that is connected to the JDC2. It will display the IP address of the PC ethernet adapter to help you identify the correct interface.</p> <div data-bbox="488 544 1485 640"><p> The IP address of the Windows PC can be set by typing “View network connections” into the windows search bar and right clicking on the relevant network adapter.</p></div> <p>Ensure you have the Multicast Tab Selected.</p> <p> TAKE CARE THAT WINDOWS OR ANY OTHER FIREWALL IS DISABLED</p>
6.)	<p>Press “Start Multicast Update”</p> 
7.)	<p>Wait until the firmware update has been completely transferred from the computer to the JDC2. You can see the progress by looking at the “loading bar” in the “susgui-0.1.4”.</p> <p> The JDC2 display may not show any information during this time - just wait. Do not turn off or unplug the JDC2 during this process.</p>

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8.)	<p>After transferring the data, the JDC2 will install it in the device. To do this, wait a few minutes.</p> <p><b>i</b> The JDC2 display may not show any information during this time - just wait. No panic if the fixture display shows blackout or error for longer time. - just wait. Do not turn off or unplug the JDC2 during this process.</p>
9.)	<p>After successful internal installation, the device restarts. You should then see the current firmware version in the upper left area of the display.</p> <p><b>i</b> We recommend loading the factory settings data after a new installation.</p>